

INTERMOUNTAIN POWER SERVICE CORPORATION

Engineering Test and Inspection Sheet

G.C. FYI

Sheet of

Equipment Burner and Windbox Unit # 1 Test/Inspect. Date March 25-26, 1991

Inspector C. James, G. Christensen, Wllm. Newkirk (consult) Responsible Engineer (Initials) C. James

Item or Test	Observations/Comments	Recommendations
<p>The following burners received new nozzles and diffusers during this outage. The new diffusers were the ceramic type and the nozzles were made with a 48 inch 309 SS tip (except E4, see note below) by PDM of Spanish Fork.</p> <p>B2 B3 B4 B5 B6 G2 G3 G5 E1 E4</p> <p>(The nozzle in E4 has a 48 inch 316 SS tip. B&W recommends a 309 SS or 310 SS tip. 316 SS has an oxidation temperature of 1650 degrees F, while 309 and 310 SS has an oxidation temperature of 2000 degrees F. The E4 nozzle condition should be checked every available window until the next outage.)</p> <p>H2 H5</p> <p>The following burners had new ceramic diffusers installed:</p> <p>E3 A2 F3 H6</p> <p>Construction did not adequately grind the weld bead inside the nozzle between the nozzle and the stainless steel tip. A nozzle specification explaining nozzle material requirements and interior smoothness will be created before any additional nozzles are purchased.</p>		

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